

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Shiloh Church Road Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region III

Subject: POLREP #3
CONTINUED REMOVAL ASSESSMENT COMBINED WITH REMOVAL ACTION
Shiloh Church Road Site
A38Q
Nathalie, VA
Latitude: 36.9699000 Longitude: -78.9807000

To: Lauren Pillow, VDEQ
Ray Earp, VDEM
Mr. Steven Dishman, Halifax County
Briana Bill, VDH

From: Christine Wagner, OSC

Date:

Reporting Period: 6/28/18-12/22/18

1. Introduction

1.1 Background

Site Number:	A38Q	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:		Start Date:	6/27/2018
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category -- Removal Assessment

1.1.2 Site Description

The Shiloh Church Road Site consists of several privately owned parcels of property. Two of the properties were historically used for a salvage yard and convenience store. In May of 2018, at the request of VDEQ, EPA performed a removal assessment at the Site. The assessment consisted of sampling residential drinking water wells in May of 2018, followed by an assessment of the Site properties in July of 2018.

1.1.2.1 Location

The Site is located near the intersection of LP Bailey Highway and Shiloh Church Road in Nathalie, Virginia, an unincorporated area of Halifax County.

1.1.2.2 Description of Threat

Elevated levels of volatile organic contaminants in drinking water wells above EPA Maximum Contaminant Levels ("MCLs")
Inorganic contaminants including lead and cadmium in soil;
PCBs in surface soil
Drums, cylinders, and small containers of hazardous substances;
Debris containing radiation

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

An EPA Removal Assessment revealed the presence of the volatile organic contaminants in drinking water wells, inorganic contaminants such as lead and cadmium in soil, PCBs, drums, cylinders, and small containers of hazardous substances, and debris containing radiation.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

In preparation for a property sale, the current owner of the property hired a contractor to perform a Phase II Environmental Assessment. The results of this assessment indicated the presence of volatile organic contaminants in private drinking water wells that exceeded the EPA Maximum Contaminant Levels. Although the EPA MCLs do not apply to private wells, the contractor forwarded this information to the Virginia Department of Environmental Quality (VDEQ). VDEQ requested EPA assistance to perform an expanded Site assessment.

The results of the Removal Assessment indicated the presence of hazardous substances which meet the

criteria listed in 40 CFR 300.415b.

2.1.2 Response Actions to Date

During the week of May 14, 2018, EPA, with the assistance of VDEQ, VDH, and VDEM, performed a drinking water assessment in the area. EPA and VDH representatives attempted to contact the residents living near the Site. EPA was able to obtain permission to collect drinking water well samples from 11 properties. The results of this assessment indicated the presence of volatile organic contaminants (VOCs) at concentrations above Removal Action Levels in two drinking water wells.

On 6/25/18, the OSC activated emergency funds of \$250,000 to immediately install water treatment systems at two residences where levels of trichloroethene (TCE) exceeded Removal Action Levels. EPA's contractor performed quarterly sampling of the wells.

On 7/20/19, EPA hosted a Unified Command Meeting with Local and Commonwealth partners to discuss the findings and advise of future actions.

In late July, EPA and EPA's START Contractor, Weston Solutions, Inc. performed a full removal assessment of the two properties identified in the Narrative above. To perform a complete assessment, EPA requested permission from a separate property owner for access to the property to determine the extent of contamination.

This owner granted EPA access and also verbally explained that the original owner of Properties #1 and #2 (properties being assessed by EPA at that time) also deposited battery waste on the third property. The owner of Property #3 granted EPA access to sample that property.

The results of the assessment were consolidated into a START trip report which was received by EPA on 12/17/18. EPA met with Unified Command on 12/19/18 to discuss the findings.

A government shutdown on 12/22/18 stopped all work at the Site.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The source of the potential contamination has not been identified. EPA is working with enforcement officials to develop an enforcement strategy.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

EPA will resume work on the Site following the government shutdown.

2.2.1.1 Planned Response Activities

EPA plans to prepare an Action Memorandum to mitigate the additional hazards discovered on Site following the Removal Assessment.

2.2.2 Issues

NO WORK WILL BE PERFORMED ON SITE UNTIL FURTHER NOTICE DUE TO THE GOVERNMENT SHUTDOWN

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$50,000.00	\$25,906.00	\$24,094.00	48.19%
Intramural Costs				

Total Site Costs	\$50,000.00	\$25,906.00	\$24,094.00	48.19%
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* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

2.5.2 Liaison Officer

2.5.3 Information Officer

EPA Amanda Miles will assist the OSC as the EPA Community Involvement Coordinator for the Site. An initial fact sheet is posted under the DOCUMENTS section of the website.

3. Participating Entities

3.1 Unified Command

Halifax County - Halifax County Administrator
Halifax County Fire & Rescue
Virginia Department of Health
Virginia Department of Environmental Quality
Virginia Department of Emergency Management
EPA

3.2 Cooperating Agencies

ATSDR

4. Personnel On Site

EPA
Weston Solutions (EPA START Contractor)

5. Definition of Terms

ATSDR - Agency for Toxic Substances Disease Registry
EPA - US Environmental Protection Agency Region 3
MCL - Maximum Contaminant Level for Public Drinking Water Supplies
PCE - Perchloroethylene, (also known as tetrachloroethylene)
START - Superfund Technical Assistance Response Team (EPA Contractor)
SVOC - Semi-volatile organic contaminants
TCE - Trichloroethylene
VDH - Virginia Department of Health
VDEM - Virginia Department of Emergency Management
VDEQ - Virginia Department of Environmental Quality
VOC - Volatile Organic Contaminants

6. Additional sources of information

6.1 Internet location of additional information/report

response.epa.gov/ShilohChurchRoadSite

7. Situational Reference Materials

No information available at this time.